

In the Claims:

1-21 (canceled)

22 (currently amended) A method for etching one or more of the following: TaN, TiN, Cu, FSG, TEOS, and SiN from a semiconductor body in semiconductor device processing, comprising the steps eonsisting essentially of:

forming a solution by combining HF with a concentration of about 49% with H₂O₂ with a concentration of from about 19% to about 30% in deionized water, wherein said forming a solution further consisting of comprises using a volume ratio of from about 1 to 3 parts HF, from about 1 to 2 parts H₂O₂ and from about 10 to about 30 parts deionized water greater than 1:1:20 of HF:H₂O₂:deionized water; and

applying said solution to said semiconductor body with said solution being at at least about room temperature.

23 (canceled)

24 (currently amended) A method for etching one or more of the following: TaN, TiN, Cu, FSG, TEOS, and SiN from a semiconductor body in semiconductor device processing, comprising the steps of eonsisting essentially of:

forming a solution by combining HF with a concentration of about 49% with H₂O₂ with a concentration of about 29%-30% in deionized water, wherein said forming a solution further consisting of comprises using a volume ratio of about 2 parts HF, about 1 part H₂O₂ and about 21 parts 2:1:21 of HF:H₂O₂:deionized water; and

applying said solution to said semiconductor body with said solution being at about room temperature.

25 (previously presented) The method of claim 22 wherein said method further comprises applying said solution in the presence of photoresist.

26. (currently amended) A method for etching one or more of the following: TaN, TiN, Cu, FSG, TEOS, and SiN from a semiconductor body in semiconductor device processing, comprising the steps of consisting essentially of:

forming a solution by combining HF with a concentration of about 49% with H₂O₂ with a concentration of about 29%-30% in deionized water wherein said forming a solution further consists of comprises using a volume ratio greater than about 1 part HF, about 1 part H₂O₂ and about 20 parts 1:1:20 of HF:H₂O₂:deionized water; and

applying said solution to said semiconductor body with said solution being at a temperature of 40°C to 50°C.

27 (canceled)

28. (currently amended) A method for etching one or more of the following: TaN, TiN, Cu, FSG, TEOS, and SiN from a semiconductor body in semiconductor device processing, comprising the steps of consisting essentially of:

forming a solution by combining HF with a concentration of about 49% with H₂O₂ with a concentration of about 29%-30% in deionized water wherein said forming a solution further consists of comprises using a volume ratio of about 2 part HF, about 1 part H₂O₂ and about 21 parts 2:1:21 of HF:H₂O₂:deionized water; and

applying said solution to said semiconductor body with said solution being at a temperature of from about 40°C to about 50°C.

29. (previously presented) The method of claim 26 wherein said method further comprises applying said solution in the presence of photoresist.

30. (previously presented) The method of claim 28 wherein said method further comprises applying said solution in the presence of photoresist.

31. (previously presented) The method of claim 24 wherein said method further comprises applying said solution in the presence of photoresist.